

CLAIMS

What is claimed is:

- 1 1. A method comprising:
  - 2 generating a user identity value associated with a user identity;
  - 3 storing the user identity value;
  - 4 generating a registry security value associated with a system registry;
  - 5 storing the registry security value; and
  - 6 authenticating the system registry after reading the system registry.
- 1 2. A method as in claim 1, wherein generating a user identity value associated with a
  - 2 user identity comprises inserting at least one of the username and password in a one-way
  - 3 function to obtain the user identity value associated with the user identity.
- 1 3. A method as in claim 1, wherein generating a registry security value associated
  - 2 with a system registry comprises:
  - 3 concatenating system registry information; and
  - 4 inserting the concatenated system registry information in a one-way function to obtain the
  - 5 registry security value.

1 4. A method as in claim 3, wherein concatenating system registry information  
2 comprises concatenating at least one of system registry files and system registry handle  
3 keys.

1 5. A method as in claim 1 wherein authenticating the system registry after reading  
2 the system registry comprises:  
3 generating a new registry security value;  
4 comparing the new registry security value with the stored registry security value; and  
5 allowing processing to continue if the new registry security value is equal to the stored  
6 registry security value.

1 6. A method as in claim 1 further comprising modifying the system registry in  
2 response to being provided the user identity value and the registry security value.

1 7. A method comprising:  
2 detecting an attempt to change a system registry;  
3 generating a user identity value associated with the user identity;  
4 comparing the user identity value with a stored user identity value; and  
5 modifying the system registry in response to being provided the user identity  
6 value equal to the stored user identity value.

1 8. A method as in claim 7, wherein modifying the system registry in response to  
2 being provided the user identity value comprises modifying the system registry in  
3 response to an application program providing the user identity value.

1 9. A method as in claim 7, wherein detecting an attempt to change a system registry  
2 comprises detecting an attempt to write to the system registry.

1 10. An article of manufacture comprising:  
2 a machine-accessible medium including instructions that, when executed by a  
3 machine, causes the machine to perform operations comprising  
4 generating a user identity value associated with a user identity;  
5 storing the user identity value;  
6 generating a registry security value associated with a system registry;  
7 storing the registry security value; and  
8 authenticating the system registry after reading the system registry.

1 11. An article of manufacture as in claim 10 wherein instructions generating a user  
2 identity value associated with a user identity comprises further instructions for inserting  
3 at least one of the user's username and password in a one-way function to obtain the user  
4 identity value associated with the user identity.

1 12. An article of manufacture as in claim 10 wherein instructions for generating a  
2 registry security value associated with a system registry comprises further instructions for

3 concatenating system registry information; and  
4 inserting the concatenated system registry information in a one-way function to  
5 obtain the registry security value.

1 13. An article of manufacture as in claim 12, wherein instructions for concatenating  
2 system registry information comprises further instructions for concatenating at least one  
3 of system registry files and system registry handle keys.

1 14. An article of manufacture as in claim 10 wherein instructions for authenticating  
2 the system registry after reading the system registry comprises further instructions for  
3 generating a new registry security value; comparing the new registry security value with  
4 the stored registry security value; and  
5 allowing processing to continue if the new registry security value is equal to the stored  
6 registry security value.

1 15. An article of manufacture as in claim 10 further comprising instructions for  
2 modifying the system registry in response to being provided the user identity value and  
3 the registry security value

1 16. An article of manufacture comprising:  
2 a machine-accessible medium including instructions that, when executed by a  
3 machine, causes the machine to perform operations comprising  
4 detecting an attempt to change a system registry;

5           generating a user identity value associated with the user identity;  
6           comparing the user identity value with a stored user identity value; and  
7           modifying the system registry in response to being provided the user identity  
8   value equal to the stored user identity value.

1   17.    An article of manufacture as in claim 16, wherein instructions modifying the  
2   system registry in response to being provided the user identity value comprises further  
3   instructions for modifying the system registry in response to an application program  
4   providing the user identity value.

1   18.    An article of manufacture as in claim 16, wherein instructions for detecting an  
2   attempt to change a system registry comprises further instructions for detecting an  
3   attempt to write to the system registry.

1   19.    An apparatus comprising:  
2           a bus;  
3           a data storage device coupled to said bus; and  
4           a processor coupled to said data storage device, said processor operable to receive  
5   instructions which, when executed by the processor, cause the processor to  
6           generate a user identity value associated with a user identity;  
7           store the user identity value;  
8           generate a registry security value associated with a system registry;  
9           store the registry security value; and

10           authenticate the system registry after reading the system registry.

1   20.    An apparatus as in claim 19, wherein the processor operable to receive  
2   instructions which, when executed by the processor, cause the processor to  
3   generate a user identity value associated with a user identity comprises the processor to  
4   insert at least one of the username and password in a one way function to obtain the user  
5   identity value.

1   21.    An apparatus as in claim 19, wherein the processor operable to receive  
2   instructions which, when executed by the processor, cause the processor to  
3   generate a registry security value associated with a system registry comprises the  
4   processor to concatenate system registry information; and to insert the concatenated  
5   system registry information in a function to obtain the registry security value.

1   22.    An apparatus as in claim 21, wherein the processor to concatenate system registry  
2   information comprises the processor to concatenate at least one of system registry files  
3   and system registry handle keys.

1   23.    An apparatus as in claim 19 wherein the processor operable to receive instructions  
2   which, when executed by the processor, cause the processor to authenticate the system  
3   registry after reading the system registry comprises the processor to generate a new  
4   registry security value;  
5   compare the new registry security value with the stored registry security value; and

6 allow processing to continue if the new registry security value is equal to the stored  
7 registry security value.

1 24. An apparatus as in claim 19 wherein the processor operable to receive instructions  
2 which, when executed by the processor, further causes the processor to modify the  
3 system registry in response to being provided the user identity value and the registry  
4 security value.

1 25. An apparatus comprising:  
2 a bus;  
3 a data storage device coupled to said bus; and  
4 a processor coupled to said data storage device, said processor operable to  
5 receive instructions which, when executed by the processor, cause the processor to  
6 detect an attempt to change a system registry;  
7 generate a user identity value associated with the user identity;  
8 compare the user identity value with a stored user identity value; and  
9 modify the system registry in response to being provided the user identity value  
10 equal to the stored user identity value.

1 26. An apparatus as in claim 25, wherein the processor operable to receive  
2 instructions which, when executed by the processor, cause the processor to modify the  
3 system registry in response to being provided the user identity value comprises the

4 processor to modify the system registry in response to an application program providing  
5 the user identity value.

1 27. An apparatus as in claim 25, wherein the processor operable to receive  
2 instructions which, when executed by the processor, cause the processor to detect an  
3 attempt to change a system registry comprises the processor to detect an attempt to write  
4 to the system registry.